

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
23 December 2004 (23.12.2004)

PCT

(10) International Publication Number
WO 2004/111924 A2

(51) International Patent Classification⁷: G06K 19/077,
7/00, 17/00, B60C 23/04

(74) Agents: PROBERT, Heather et al.; Shapiro Cohen, 112
Kent Street, Suite 2001, Ottawa, Ontario K1P 5P2 (CA).

(21) International Application Number:
PCT/CA2004/000894

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(22) International Filing Date: 16 June 2004 (16.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/478,353 16 June 2003 (16.06.2003) US

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (for all designated States except US):
TIRESTAMP INC. [CA/CA]; 900 Morrison Drive,
Suite 202, Ottawa, Ontario K2H 8K7 (CA).

(72) Inventor; and

(75) Inventor/Applicant (for US only): BOYLE, Sean
[CA/CA]; 30 Ironside Court, Kanata, Ontario K2K 3H5
(CA).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

[Continued on next page]

(54) Title: A METHOD AND SYSTEM FOR OBJECT TRACKING

B1 B2 B3 B4 HEX BLOCK #1	B5 B6 B7 B8 HEX BLOCK #2	B9 B10 B11 B12 HEX BLOCK #3	B13 B14 B15 B16 HEX BLOCK #4
B17 B18 B19 B20 HEX BLOCK #5	B21 B22 B23 B24 HEX BLOCK #6	B25 B26 B27 B28 HEX BLOCK #7	B29 B30 B31 B32 HEX BLOCK #8
B33 B34 B35 B36 HEX BLOCK #9	B37 B38 B39 B40 HEX BLOCK #10	B41 B42 B43 B44 HEX BLOCK #11	B45 B46 B47 B48 HEX BLOCK #12
B49 B50 B51 B52 HEX BLOCK #13	B53 B54 B55 B56 HEX BLOCK #14	B57 B58 B59 B60 HEX BLOCK #15	B61 B62 B63 B64 HEX BLOCK #16
B65 B66 B67 B68 HEX BLOCK #17	B69 B70 B71 B72 HEX BLOCK #18	B73 B74 B75 B76 HEX BLOCK #19	B77 B78 B79 B80 HEX BLOCK #20
B81 B82 B83 B84 HEX BLOCK #21	B85 B86 B87 B88 HEX BLOCK #22	B89 B90 B91 B92 HEX BLOCK #23	B93 B94 B95 B96 HEX BLOCK #24

(57) Abstract: The present invention provides a system and a method for tracking an object, such as a tire, during its operative life. Each object is assigned a unique identifier. The unique identifier is stored on a medium, such as a radio frequency identifier (RFID) tag operatively coupled to the object. A system database stores performance and service information related to each object. A processor, operatively coupled to the system database, monitors performance and service information between the database and a number of service providers. The service providers are registered with and in communication with the processor from a remote site. Each service provider is provided with a device that enables them to read and write information to and from the object medium. When reading information from that medium, the service provider will be able to identify the service and performance information associated with that object based on the unique object identifier stored on the medium. This information is helpful to the service provider when determining how to service the tire.

WO 2004/111924 A2



Published:

— without international search report and to be republished
upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.